```
+1  D   I   V   L   T   Q   S   P   A   S   L   A   V   S   L   G   Q
    GACATTGTGC TGACACAGTC TCCTGCTTCC TTAGCTGTAT CTCTGGGGCA  50
+1   R   A   T   I   S   C   R   A   S   K   S   V   S   T   S   G   Y
    GAGGGCCACC ATCTCATGCA GGGCCAGCAA GAGTGTCAGT ACATCTGGCT  100
+1   S   Y   I   H   W   Y   Q   Q   K   P   G   Q   P   P   K   L
    ATAGTTACAT ACACTGGTAC CAACAGAAAC CAGGACAGCC ACCCAAACTC  150
+1  L   I   F   L   A   S   N   L   E   S   G   V   P   A   R   F   S
    CTCATCTTTC TTGCATCCAA CCTAGAATCT GGGGTCCCTG CCAGGTTCAG  200
+1   G   S   G   S   G   T   D   F   T   L   N   I   H   P   V   E   E
    TGGCAGTGGG TCTGGGACAG ACTTCACCCT CAACATCCAT CCTGTGGAGG  250
+1    E   D   A   A   T   Y   H   C   Q   H   S   R   E   L   P   L
    AGGAGGATGC TGCAACCTAT CACTGTCAGC ACAGTAGGGA GCTTCCGCTC  300
+1  T   F   G   A   G   T   K   L   E   L   K
    ACGTTCGGTG CTGGGACCAA GCTGGAGCTG AAA                    350
```

Fig. 1

```
+1  E   V   Q   L   L   E   E   S   G   P   G   L   V   A   P   S   Q
    GAGGTGCAGC TGCTCGAGGA GTCAGGACCT GGCCTGGTGG CACCCTCACA  50
+1    S   L   S   I   T   C   T   V   S   G   F   S   L   S   R   Y   S
    GAGCCTGTCC ATCACATGCA CTGTCTCTGG GTTCTCATTA TCCAGATATA 100
+1     V   H   W   V   R   Q   P   P   G   K   G   L   E   W   L   G
    GTGTACACTG GGTTCGCCAG CCTCCAGGAA AGGGTCTGGA GTGGCTGGGA 150
+1  M   I   W   G   G   G   S   T   D   Y   N   S   G   L   K   S   R
    ATGATATGGG GTGGTGGAAG CACAGACTAT AATTCAGGTC TCAAATCCAG 200
+1    L   S   I   S   N   D   N   S   K   S   Q   V   F   L   K   M   N
    ACTGAGCATC AGCAACGACA ACTCCAAGAG CCAAGTTTTC TTAAAAATGA 250
+1     S   L   Q   T   D   D   T   A   I   Y   Y   C   A   R   N   M
    ACAGTCTGCA AACTGATGAC ACAGCCATTT ACTACTGTGC CAGAAATATG 300
+1  G   G   R   Y   P   D   Y   F   D   Y   W   G   Q   G   T   T   L
    GGGGGTAGGT ACCCGGACTA CTTTGACTAC TGGGGCCAAG GCACCACTCT 350
+1   T   V   S   S
    CACAGTCTCC TCA                                          400
```

Fig. 2

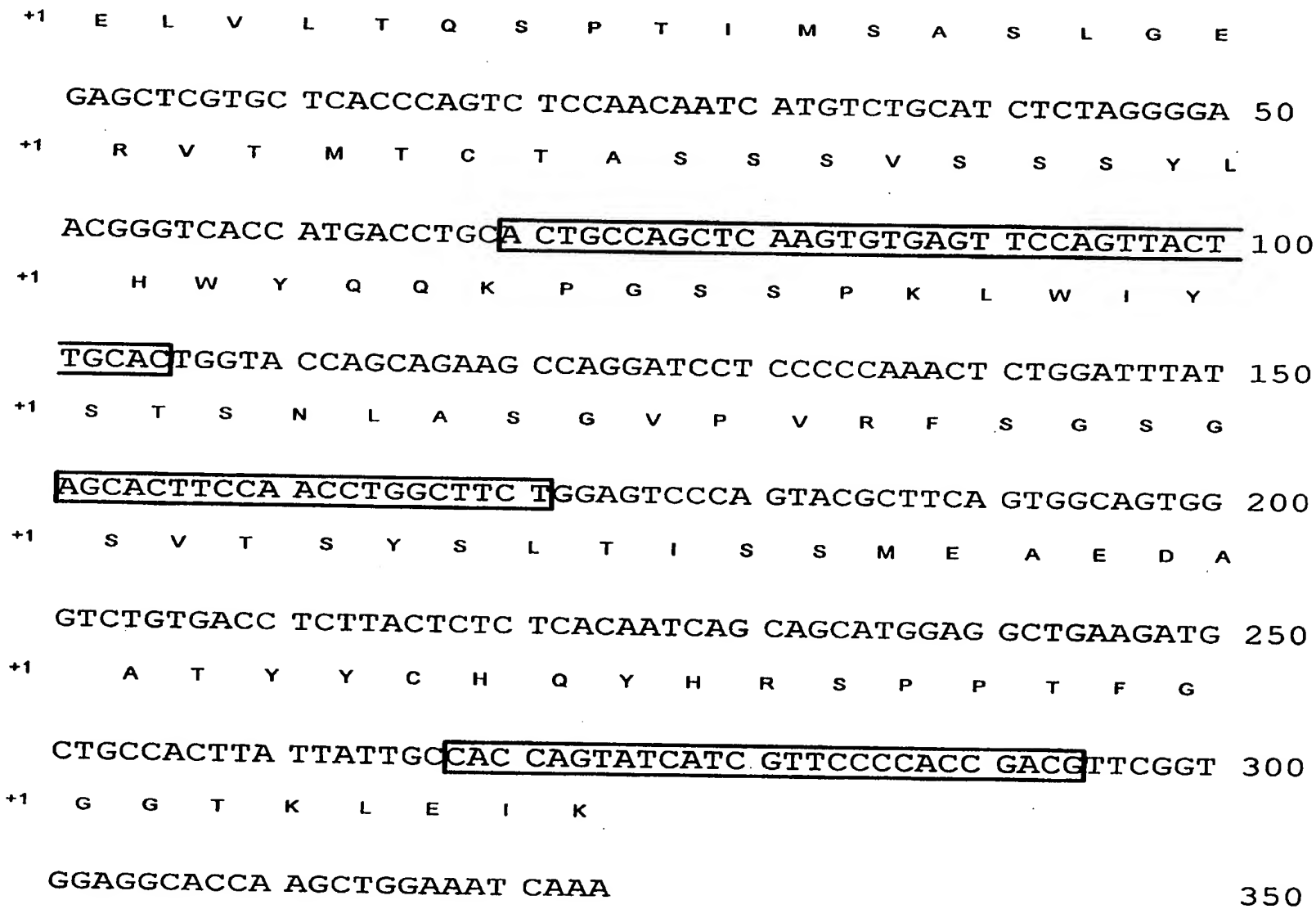

Fig. 3

```
+1   E   V   Q   L   L   E   E   S   G   G   G   L   V   Q   P   T   G
   GAGGTGCAGC TGCTCGAGGA GTCTGGGGGA GGATTGGTCC AACCTACAGG 50
+1   S   L   K   L   S   C   A   A   S   G   F   T   F   N   S   Y   A
   ATCATTGAAA CTCTCATGTG CCGCCTCTGG TTTCACCTTC AATTCCTATG 100
+1    M   Y   W   V   R   Q   A   P   G   K   G   L   E   W   V   A
   CCATGTACTG GGTCCGCCAG GCTCCAGGAA AGGGTTTGGA GTGGGTTGCT 150
+1   R   I   R   S   K   S   D   N   Y   A   T   Y   Y   A   N   S   V
   CGCATAAGAA GTAAAAGTGA TAATTATGCA ACATATTATG CCAATTCAGT 200
+1   K   D   R   L   T   I   S   R   D   D   S   Q   N   M   L   Y   L
   GAAAGACAGA CTCACCATCT CCAGAGATGA TTCACAAAAC ATGCTCTATC 250
+1    Q   M   N   N   L   K   T   E   D   T   A   M   Y   Y   C   V
   TGCAGATGAA CAACCTGAAA ACTGAGGACA CAGCCATGTA TTACTGTGTG 300
+1   R   D   H   D   K   F   P   F   Y   Y   A   L   D   Y   W   G   P
   AGAGATCATG ATAAGTTTCC TTTTTACTAT GCTCTGGACT ACTGGGGTCC 350
+1   G   T   L   V   T   V   S   S
   AGGAACCTTA GTCACCGTCT CCTCA                            400
```

Fig. 4

```
+1  D   I   L   L   T   Q   S   P   A   I   L   S   V   S   P   G   E
   GACATCTTGC TGACTCAGTC TCCAGCCATC CTGTCTGTGA GTCCAGGAGA 50
+1  R   V   S   F   S   C   R   A   S   Q   S   I   G   T   R   I   H
   AAGAGTCAGT TTCTCCTGCA GGGCCAGTCA GAGCATTGGC ACAAGAATAC 100
+1  W   Y   Q   Q   R   T   N   G   S   P   R   L   L   I   K   Y
   ACTGGTATCA ACAAAGAACA AATGGTTCTC CAAGGCTTCT CATAAAGTAT 150
+1  G   S   E   S   I   S   G   I   P   S   R   F   S   G   S   G   S
   GGTTCTGAGT CTATCTCTGG GATCCCTTCC AGGTTTAGTG GCAGTGGATC 200
+1  G   T   D   F   S   L   S   I   N   S   V   E   S   E   D   I   A
   AGGGACAGAT TTTAGTCTTA GCATCAACAG TGTCGAGTCT GAAGATATTG 250
+1  D   Y   Y   C   Q   Q   S   N   T   W   P   L   T   F   G   A
   CAGATTATTA CTGTCAACAA AGTAATACCT GGCCGCTCAC GTTCGGTGCT 300
+1  G   T   K   L   E   L   K
   GGGACCAAGC TGGAGCTGAA A                                350
```

Fig. 5

```
+1   E   V   Q   L   L   E   Q   S   G   A   E   L   V   K   P   G   A
     GAGGTGCAGC TGCTCGAGCA GTCTGGAGCT GAGCTGGTGA AGCCTGGGGC  50
+1   S   V   K   I   S   C   K   A   S   G   Y   A   F   S   T   S   W
     CTCAGTGAAG ATTTCCTGCA AGGCTTCTGG CTACGCATTC AGTACCTCCT 100
+1   M   N   W   V   K   Q   R   P   G   K   G   L   E   W   I   G
     GGATGAACTG GGTGAAACAG AGGCCTGGAA AGGGTCTTGA GTGGATTGGA 150
+1   R   I   Y   P   G   D   G   D   T   N   Y   N   G   K   F   K   G
     CGGATTTATC CTGGAGATGG AGATACTAAC TACAATGGGA AGTTCAAGGG 200
+1   K   A   T   L   T   A   D   K   S   S   S   T   A   Y   M   Q   L
     CAAGGCCACA CTGACTGCAG ACAAATCCTC CAGCACAGCC TACATGCAAC 250
+1   N   S   L   T   S   E   D   S   A   V   Y   F   C   V   R   E
     TCAACAGCCT GACATCTGAG GACTCTGCGG TCTACTTCTG TGTAAGAGAG 300
+1   D   A   Y   Y   S   N   P   Y   S   L   D   Y   W   G   Q   G   T
     GATGCCTATT ATAGTAACCC CTATAGTTTG GACTACTGGG GTCAAGGAAC 350
+1   S   V   T   V   S   S
     CTCAGTCACC GTCTCCTCA                                   400
```

Fig. 6

```
+1  E  L  Q  M  T  Q  S  P  S  S  L  S  A  S  L  G  D
   GAGCTCCAGA TGACCCAGTC TCCATCCAGT CTGTCTGCAT CCCTTGGAGA  50
+1  T  I  T  I  T  C  H  A  S  Q  N  I  N  V  W  L  S
   CACAATTACC ATCACTTGCC ATGCCAGTCA GAACATTAAT GTTTGGTTAA  100
+1  W  Y  Q  Q  K  P  G  D  I  P  K  L  L  I  Y  K
   GCTGGTATCA GCAGAAACCA GGAGATATCC CTAAACTATT GATCTATAAG  150
+1  A  S  N  L  H  T  G  V  P  S  R  F  S  G  S  G  S
   GCTTCCAACT TGCACACAGG CGTCCCATCA AGGTTTAGTG GCAGTGGATC  200
+1  G  T  G  F  T  L  V  I  S  S  L  Q  P  E  D  I  A
   TGGAACAGGT TTCACATTAG TCATCAGCAG CCTGCAGCCT GAAGACATTG  250
+1  T  Y  Y  C  Q  Q  G  R  S  Y  P  L  T  F  G  A
   CCACTTACTA CTGTCAACAG GGTCGAAGTT ATCCTCTCAC GTTCGGTGCT  300
+1  G  T  K  L  E  L  K
   GGGACCAAGC TGGAGCTGAA A                                 350
```

Fig. 7

```
+1  E   V   Q   L   L   E   E   S   G   G   G   L   V   K   P   G   G
    GAGGTGCAGC TGCTCGAGGA GTCTGGGGGA GGCTTAGTGA AGCCTGGAGG  50
+1  S   L   Q   L   S   C   S   A   S   G   F   T   F   S   S   H   F
    GTCCCTGCAA CTCTCCTGTT CAGCCTCTGG ATTCACTTTC AGTAGCCATT  100
+1  M   S   W   V   R   Q   T   P   E   K   R   L   E   W   V   A
    TCATGTCTTG GGTTCGCCAA ACTCCAGAGA AGAGGCTGGA GTGGGTCGCA  150
+1  S   I   S   S   G   G   D   S   F   Y   P   D   S   L   K   G   R
    TCCATTAGTA GTGGTGGTGA CAGTTTCTAT CCAGACAGTC TGAAGGGCCG  200
+1  F   A   I   S   R   D   N   A   R   N   I   L   F   L   Q   M   S
    ATTCGCCATC TCCAGAGATA ATGCCAGGAA CATCCTGTTC CTGCAAATGA  250
+1  S   L   R   S   E   D   S   A   M   Y   F   C   T   R   D   Y
    GCAGTCTGAG GTCTGAGGAC TCGGCCATGT ATTTCTGTAC AAGAGACTAC  300
+1  S   W   Y   A   L   D   Y   W   G   Q   G   T   S   V   T   V   S
    TCTTGGTATG CTTTGGACTA CTGGGGTCAA GGAACCTCAG TCACCGTCTC  350
+1  S
    CTCA                                                    400
```

Fig. 8